Super Mario Odyssey

How to Play

Touch Screen

The Touch Screen

By default, the Touch Screen displays the current Power Moon and Coin totals for the current Kingdom and Regional Coin totals, as well as the number of Health Wedges Mario has collected. Mario's Health Meter is also displayed on the Touch Screen.

By holding down and moving a finger around the Touch Screen, the view from the Power Moon Locator Map Mario is currently holding will be displayed.

- Pictured Moon is behind Mario in the Cap Kingdom.
- Not Lunch Money.
- Moon is behind Mario.
- Moon is above Mario.

Touch Screen Map

Pressing the Y button will open the Moon Locator Map. Pressing the Y button a second time will close the Moon Locator Map. Pressing the X button will open the Map. Pressing the X button a second time will close the Map. Pressing the B button will close the Map or Moon Locator Map.

Map Controls

Pressing the A button will open the Map Controls. Pressing the A button a second time will close the Map Controls. Pressing the B button will close the Map Controls or Map.

Dark Moon Quest

Pressing the A button will open the Dark Moon Quest. Pressing the B button will close the Dark Moon Quest.

Scanbyte Input

Pressing the A button will open the Scanbyte Input. Pressing the B button will close the Scanbyte Input.

Controls

Basic Controls

Mario's basic controls are as follows: Move with the Control Stick, Jump with the B button, Crouch with the ZL button, Throw Cappy with the Y button, Capture with the Y button, Spin with the A button, Look Around with the Control Stick, Zoom In/Out with the ZR button, and Pause with the + button.

Quick Recap

Mario's basic controls are as follows: Move with the Control Stick, Jump with the B button, Crouch with the ZL button, Throw Cappy with the Y button, Capture with the Y button, Spin with the A button, Look Around with the Control Stick, Zoom In/Out with the ZR button, and Pause with the + button.

Capture

Mario can capture certain enemies and objects by throwing Cappy at them with the Y button. The enemy or object will then be added to Mario's moveset. Mario can then control the captured enemy or object. Mario can throw Cappy at the captured enemy or object with the Y button to release it.

Cappy Bounce

Mario can perform a Cappy Bounce by jumping off of Cappy with the B button. Mario can perform a Cappy Bounce off of certain enemies and objects as well.

Cappy Throw

Mario can throw Cappy with the Y button. Cappy will then return to Mario's hand.

Cappy Catch

Mario can catch Cappy with the Y button when Cappy is returning to Mario's hand.

Cappy Recovery

Mario can recover Cappy with the Y button when Cappy is returning to Mario's hand.

Regional Coins

Mario can collect Regional Coins. Regional Coins are worth 10 coins each. Regional Coins are found in the Cap Kingdom, Cascade Kingdom, Sand Kingdom, Lake Kingdom, Wooded Kingdom, Cloud Kingdom, Lost Kingdom, Metro Kingdom, Snow Kingdom, Seaside Kingdom, Luncheon Kingdom, Ruined Kingdom, Bowser's Kingdom, and Moon Kingdom.

Health Wedges

Mario can collect Health Wedges. Health Wedges restore Mario's Health Meter. There are 3 Health Wedges in each Kingdom. Mario can collect 10 Health Wedges to increase the size of his Health Meter by 1 unit. Mario can increase the size of his Health Meter by 10 units.

Health

Mario's Health is represented by his Health Meter. Mario's Health Meter is displayed on the Touch Screen. Mario's Health Meter is also displayed on the Pause Screen. Mario's Health Meter is displayed as a number of units. Mario's Health Meter is displayed as a number of units. Mario's Health Meter is displayed as a number of units.

Health Meter

Mario's Health Meter is displayed as a number of units. Mario's Health Meter is displayed as a number of units. Mario's Health Meter is displayed as a number of units. Mario's Health Meter is displayed as a number of units.

Health Recovery

Mario's Health Meter is displayed as a number of units

Pokémon N. Solid

Pokémon N. Solid is a Ghost/Dragon-type Pokémon introduced in Generation 9. It is a Pokémon that is made entirely of solid stone. It is a Pokémon that is made entirely of solid stone.

Tool Summoner

Tool Summoner is a Ghost/Dragon-type Pokémon introduced in Generation 9. It is a Pokémon that is made entirely of solid stone. It is a Pokémon that is made entirely of solid stone.

Gastrina

Gastrina is a Ghost/Dragon-type Pokémon introduced in Generation 9. It is a Pokémon that is made entirely of solid stone. It is a Pokémon that is made entirely of solid stone.

Hydrolia

Hydrolia is a Ghost/Dragon-type Pokémon introduced in Generation 9. It is a Pokémon that is made entirely of solid stone. It is a Pokémon that is made entirely of solid stone.

Cryon

Cryon is a Ghost/Dragon-type Pokémon introduced in Generation 9. It is a Pokémon that is made entirely of solid stone. It is a Pokémon that is made entirely of solid stone.

Pyrodon

Pyrodon is a Ghost/Dragon-type Pokémon introduced in Generation 9. It is a Pokémon that is made entirely of solid stone. It is a Pokémon that is made entirely of solid stone.

Voltaxis

Voltaxis is a Ghost/Dragon-type Pokémon introduced in Generation 9. It is a Pokémon that is made entirely of solid stone. It is a Pokémon that is made entirely of solid stone.

Orbit Lucinda

Orbit Lucinda is a Ghost/Dragon-type Pokémon introduced in Generation 9. It is a Pokémon that is made entirely of solid stone. It is a Pokémon that is made entirely of solid stone.

Dark Mythrin

Dark Mythrin is a Ghost/Dragon-type Pokémon introduced in Generation 9. It is a Pokémon that is made entirely of solid stone. It is a Pokémon that is made entirely of solid stone.

Water Hydrolia

Water Hydrolia is a Ghost/Dragon-type Pokémon introduced in Generation 9. It is a Pokémon that is made entirely of solid stone. It is a Pokémon that is made entirely of solid stone.

Cryon

Cryon is a Ghost/Dragon-type Pokémon introduced in Generation 9. It is a Pokémon that is made entirely of solid stone. It is a Pokémon that is made entirely of solid stone.

Pyrogeyser

Pyrogeyser is a Ghost/Dragon-type Pokémon introduced in Generation 9. It is a Pokémon that is made entirely of solid stone. It is a Pokémon that is made entirely of solid stone.

Strong Jawless

Strong Jawless is a Ghost/Dragon-type Pokémon introduced in Generation 9. It is a Pokémon that is made entirely of solid stone. It is a Pokémon that is made entirely of solid stone.

Strong Stunfisk

Strong Stunfisk is a Ghost/Dragon-type Pokémon introduced in Generation 9. It is a Pokémon that is made entirely of solid stone. It is a Pokémon that is made entirely of solid stone.

Strong Hydreigon

Strong Hydreigon is a Ghost/Dragon-type Pokémon introduced in Generation 9. It is a Pokémon that is made entirely of solid stone. It is a Pokémon that is made entirely of solid stone.

Strong Mega

Strong Mega is a Ghost/Dragon-type Pokémon introduced in Generation 9. It is a Pokémon that is made entirely of solid stone. It is a Pokémon that is made entirely of solid stone.

Strong Gyarados

Strong Gyarados is a Ghost/Dragon-type Pokémon introduced in Generation 9. It is a Pokémon that is made entirely of solid stone. It is a Pokémon that is made entirely of solid stone.

Strong Kyurem

Strong Kyurem is a Ghost/Dragon-type Pokémon introduced in Generation 9. It is a Pokémon that is made entirely of solid stone. It is a Pokémon that is made entirely of solid stone.

Shadow Pumpkaboo

Shadow Pumpkaboo is a Ghost/Dragon-type Pokémon introduced in Generation 9. It is a Pokémon that is made entirely of solid stone. It is a Pokémon that is made entirely of solid stone.

Hyrule Pumpkaboo

Hyrule Pumpkaboo is a Ghost/Dragon-type Pokémon introduced in Generation 9. It is a Pokémon that is made entirely of solid stone. It is a Pokémon that is made entirely of solid stone.

Shadow Pumpkaboo

Shadow Pumpkaboo is a Ghost/Dragon-type Pokémon introduced in Generation 9. It is a Pokémon that is made entirely of solid stone. It is a Pokémon that is made entirely of solid stone.

Shadow Pumpkaboo

Shadow Pumpkaboo is a Ghost/Dragon-type Pokémon introduced in Generation 9. It is a Pokémon that is made entirely of solid stone. It is a Pokémon that is made entirely of solid stone.

Tough Pumpkaboo

Tough Pumpkaboo is a Ghost/Dragon-type Pokémon introduced in Generation 9. It is a Pokémon that is made entirely of solid stone. It is a Pokémon that is made entirely of solid stone.

Shadow Pokéguard

Shadow Pokéguard is a Ghost/Dragon-type Pokémon introduced in Generation 9. It is a Pokémon that is made entirely of solid stone. It is a Pokémon that is made entirely of solid stone.

Strong Pokéguard

Strong Pokéguard is a Ghost/Dragon-type Pokémon introduced in Generation 9. It is a Pokémon that is made entirely of solid stone. It is a Pokémon that is made entirely of solid stone.

Gold Butterfly

Gold Butterfly is a Ghost/Dragon-type Pokémon introduced in Generation 9. It is a Pokémon that is made entirely of solid stone. It is a Pokémon that is made entirely of solid stone.

Pinkpuff

Pinkpuff is a Ghost/Dragon-type Pokémon introduced in Generation 9. It is a Pokémon that is made entirely of solid stone. It is a Pokémon that is made entirely of solid stone.

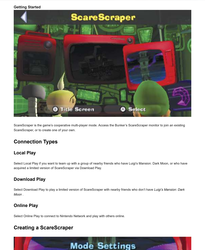
Blitz

Blitz is a Ghost/Dragon-type Pokémon introduced in Generation 9. It is a Pokémon that is made entirely of solid stone. It is a Pokémon that is made entirely of solid stone.

ScareScraper

ScareScraper

Getting Started



ScareScraper is the game's cooperative multi-player mode. Access the Bunker's ScareScraper monitor to join an existing ScareScraper, or to create one of your own.

Connection Types

Local Play

Select Local Play if you want to team up with a group of nearby friends who have Luigi's Mansion: Dark Moon, or who have acquired a limited version of ScareScraper via Download Play.

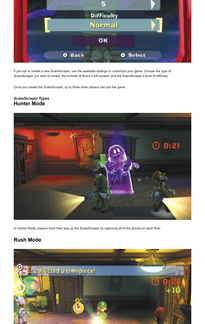
Download Play

Select Download Play to play a limited version of ScareScraper with nearby friends who don't have Luigi's Mansion: Dark Moon.

Online Play

Select Online Play to connect to Nintendo Network and play with others online.

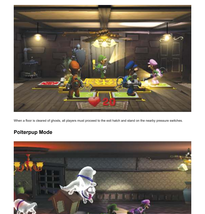
Creating a ScareScraper



If you opt to create a new ScareScraper, use the available settings to customize your game. Choose the type of ScareScraper you want to create, the number of floors it will contain, and the ScareScraper's level of difficulty.

Once you create the ScareScraper, up to three other players can join the game.

ScareScraper Types
Hunter Mode



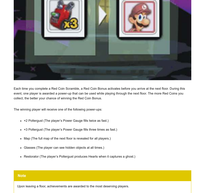
In Hunter Mode, players work their way up the ScareScraper by capturing all of the ghosts on each floor.

Rush Mode

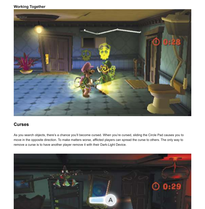
In Rush Mode, players must reach the exit hatch in the allotted time. Collect the Timepieces that occasionally appear to add more time to the clock. Timepieces can be found while searching objects, or earned by defeating enemies and shielding them.

When a floor is cleared of ghosts, all players must proceed to the exit hatch and stand on the nearby pressure switches.

Polterpup Mode



In Polterpup Mode, players progress through the ScareScraper by capturing all of the Polterpups on each floor.

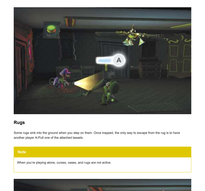


When you arrive on each floor, use the Dark-Light Device to follow the Polterpups' trails. When you reach the end of the trails, use the Dark-Light Device to reveal the hidden doghouse. When you do, the Polterpups flee the area. Use the Dark-Light Device to follow the fresh trails and track down all of the Polterpups.

Note

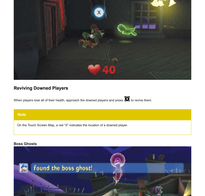
Complete ScareScrapers in Hunter Mode, Rush Mode, and Polterpup Mode to unlock Surprise Mode. To unlock the "Endless" floor option, complete any 25-floor ScareScraper.

Red Coins
Red Coin Scramble



When you clear a floor, it triggers a Red Coin Scramble. During a Red Coin Scramble, players must collect the Red Coins that appear at different locations on the map. If all of the Red Coins are collected within the allotted time, a Red Coin Bonus shows before you arrive at the next floor.

Red Coin Bonus



Each time you complete a Red Coin Scramble, a Red Coin Bonus activates before you arrive at the next floor. During the Red Coin Bonus, players must collect as many Red Coins as they can by running through the next floor. The more Red Coins you collect, the better your chance of winning the Red Coin Bonus.

The winning player will receive one of the following power-ups:

- +2 Polterpup! (The player's Power Gauge fills twice as fast.)
- +3 Polterpup! (The player's Power Gauge fills three times as fast.)
- Map (The full map of the next floor is revealed for all players.)
- Glasses (The player can see hidden objects at all times.)
- Restorator (The player's Polterpup! produces Hearts when it captures a ghost.)

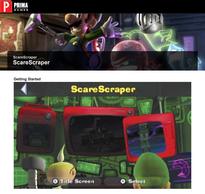
Note

Upon leaving a floor, achievements are awarded to the most deserving players.

Working Together

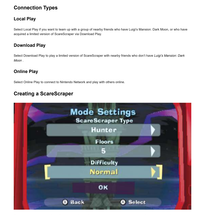
Curses

As you search objects, there's a chance you'll become cursed. When you're cursed, sliding the Circle Pad causes you to move in the opposite direction. To make matters worse, affected players can spread the curse to others. The only way to remove a curse is to have another player remove it with their Dark-Light Device.



Vases

It's possible to become trapped while searching large vases. Once trapped, the only way to escape the vase is to have another player A-pull the attached strain.



Rugs

Some rugs sink into the ground when you step on them. Once trapped, the only way to escape from the rug is to have another player A-pull one of the attached tassels.

Note

When you're playing alone, curses, vases, and rugs are not active.

Reviving Downed Players

When players lose all of their health, approach the downed players and press [redacted] to revive them.

Note

On the Touch Screen Map, a red "X" indicates the location of a downed player.

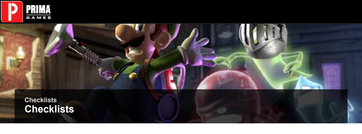
Boss Ghosts

Each time you clear four floors of the ScareScraper, you'll encounter a boss ghost. Defeat the boss ghost to continue to the next floor. When you reach the top floor, capture the final boss ghost to complete the ScareScraper.

Additional Information

Here are a few things to keep in mind while playing ScareScraper:

- Some secret/boss content unlocks that transport you to other areas of the map.
- Available Keys are marked on the Touch Screen map. Once you reach the room, you may have to defeat enemies or search objects before the Key is revealed.
- Treasure collected by players is pooled together. Launch those objects with the Poltergust to reveal them upon.
- Treasure collected by players is pooled together to unlock equipment upgrades. Each time an upgrade is unlocked, it's awarded to all players.
- Once you find the Red Coin Device, the Dark-Light Device can be used to find items from framed sketches and reveal hidden objects.
- Players using power-ups can be identified by the icons floating above them.
- Restorators and glasses can sometimes be found by searching objects.



Checklists

Checklists

These checklists provide basic information about collecting Gems and capturing Boos. If needed, you can find additional information in the walkthrough—just click to the mission indicated on the checklist.

Gems

Gloomy Manor

Gem	Location	Mission	Notes
Round Amethyst	Mudroom Exterior	A-1 Poltergust 5000	Vacuum the Gem from the tree.
Trillion Amethyst	Front Yard	A-1 Poltergust 5000	Flash the purple flowers.
Baguette Amethyst	Parlor	A-2 Gear Up	Flash the clock.
Football Amethyst	Studio	A-2 Gear Up	Use the camera to locate the Gem near the window.
Drop Amethyst	Entrance	A-3 Quiet Please!	Search the armor, then launch the helmet into the painting.
Pebble Amethyst	Dining Room	A-3 Quiet Please!	Flash the safe in the ceiling.
Rhombus Amethyst	Kitchen	A-3 Quiet Please!	Grab the ice in the refrigerator and melt it on the stove.
Star Amethyst	Foyer	A-4 Visual Tricks	Reveal the missing door in the Patio, then head in and search behind the aquarium.
Octagon Amethyst	Patio	A-4 Visual Tricks	Use the Dark-Light Device to reveal the missing fountain.
Oval Amethyst	Library	A-4 Visual Tricks	Use the Dark-Light Device to reveal the missing globe. Launch the globe to break it open.
Spindle Amethyst	Study	A-4 Visual Tricks	A-Pull the curtains, then use the Dark-Light Device on the framed sketch.
Coffin Amethyst	Rafters	A-5 Sticky Situation	Collect the Gem from the top of the mirror.
Mushroom Amethyst	Bedroom	A-5 Sticky Situation	Clear the webs, then move behind the dressing screen.

Haunted Towers

Gem	Location	Mission	Notes
Round Emerald	Tower Lobby	B-1 A Job for a Plumber	The Gem is below the steps.
Trillion Emerald	Laboratories	B-1 A Job for a Plumber	Use a bulb to float into the glass tank.
Baguette Emerald	Garden	B-2 The Pinwheel Gate	Water the sprouts and flash the purple flowers.
Football Emerald	Botany Lab	B-2 The Pinwheel Gate	Water the sprout and flash the purple flower.
Drop Emerald	Seedling Laboratory	B-2 The Pinwheel Gate	Use the seed shooter to hit the mouse on the shelves.
Pebble Emerald	West Garden	B-2 The Pinwheel Gate	Water the sprout in the maintenance area, then launch a seed pod at the flytrap.
Rhombus Emerald	Hollow Tree	B-3 Graveyard Shift	Water the sprout in the east alcove and flash the purple flower.
Star Emerald	Old Graveyard	B-3 Graveyard Shift	Vacuum the Gem down from the trees near the large crow statue.
Octagon Emerald	Skybridge	B-4 Pool Party	A-Pull the orange flowers.
Oval Emerald	Rumpus Room	B-4 Pool Party	Circle the doll until its head pops off.
Spindle Emerald	Solarium	B-4 Pool Party	Use the Dark-Light Device to reveal the chest on the table.
Coffin Emerald	Conservatory	B-4 Pool Party	Reveal the hidden door and complete the bonus challenge.
Mushroom Emerald	West Bathroom	B-5 Doggone Key	A-Pull the roll of toilet paper.

Old Clockworks

Gem	Location	Mission	Notes
Round Ruby	Clockworks Court	C-1 A Timely Entrance	Use the Dark-Light Device to reveal the box at the end of the tracks.
Trillion Ruby	Warehouse	C-1 A Timely Entrance	Use the winding machine to unravel the spools.
Baguette Ruby	Clock Tower Gate	C-1 A Timely Entrance	Use the Dark-Light Device to reveal the box in the northwest corner.
Football Ruby	Storm Cellar	C-2 Underground Expedition	Shine the Dark-Light Device on the framed sketch above the bed.
Drop Ruby	Canyon Stairs	C-2 Underground Expedition	Vacuum the Gem down from the wall.
Pebble Ruby	Quarry	C-2 Underground Expedition	Drag the cart away from the wall, then vacuum the Gem inside the cave.
Rhombus Ruby	Clockmaker's Chamber	C-3 Roundhouse Brawl	Spin the rotor under the rug to set the clock to 9:00.
Star Ruby	Roundhouse	C-3 Roundhouse Brawl	Use the beams to reach the box along the south wall.
Octagon Ruby	Roundhouse	C-3 Roundhouse Brawl	Step behind the crumbling bricks along the north wall.
Oval Ruby	Gear Chamber	C-5 Piece at Last	Enter the space behind the north wall and complete the bonus challenge through the door.
Spindle Ruby	Maintenance Hub	C-5 Piece at Last	Drop down from the large gear and use the Dark-Light Device to reveal the chest.
Coffin Ruby	Service Elevator	C-5 Piece at Last	Launch the Toad Assistant at the Gem along the south wall.
Mushroom Ruby	Movements	Showtime	Vacuum the Gem from the window.

Secret Mine

Gem	Location	Mission	Notes
Round Sapphire	Smokehouse	D-1 Cold Case	Use the Dark-Light Device to reveal the missing scarf, then A-Pull both scarves.
Trillion Sapphire	Fishing Hut	D-1 Cold Case	Vacuum the Gem under the floorboards.
Baguette Sapphire	Under the Ice	D-1 Cold Case	Launch the Toad into the top of the shaft.
Football Sapphire	High Wires	D-1 Cold Case	Ride the first cable and vacuum the Gem down from the nest.
Drop Sapphire	Airway	D-1 Cold Case	Use the binoculars to locate the Gem; collect it after it moves to the barrel.
Pebble Sapphire	Chalet Approach	D-2 Hit Rock Bottom	Use a flaming turkey to melt the ice, then shine the Dark-Light Device at the framed sketch.
Rhombus Sapphire	Prospector's Crossing	D-2 Hit Rock Bottom	Reveal the missing pickaxe and spin it. Carry both logs onto the ice.
Star Sapphire	Skip Slope	D-2 Hit Rock Bottom	Slide through the spinning wheel near the west wall.
Octagon Sapphire	Shaft	D-2 Hit Rock Bottom	A-Pull the chain at the base of the Shaft, then ride back up to find the Gem.
Oval Sapphire	Deep Hall	D-2 Hit Rock Bottom	Ignite a piece of coal, then launch it at the Gem in the ceiling.
Spindle Sapphire	Crossroads	D-3 Across the Chasm	Reveal the cart on the west ledge and vacuum the snow mound inside it.
Coffin Sapphire	Chalet	D-3 Across the Chasm	Use the Crystal Quarry E-Gate to drop onto the Chalet couch.
Mushroom Sapphire	High Wires	D-3 Across the Chasm	Reach the outhouse and complete the bonus challenge within it.

Treacherous Mansion

Gem	Location	Mission	Notes
Round Diamond	Underground Lab	E-1 Front-Door Key	Spin the wheel to zap the armor, then launch the helmet at the glass jar on the wall.
Trillion Diamond	Haunted Catacombs	E-1 Front-Door Key	Burn the webs in the second half of the Haunted Catacombs.
Baguette Diamond	Cliffside	E-1 Front-Door Key	Reach the Cliffside's B2 level and vacuum the Gem down from the vine.
Football Diamond	Front Entrance	E-2 Double Trouble	Reveal and A-Pull the missing chain attached to the gargoyle, then open the safe under the stairs.
Drop Diamond	Restrooms	E-2 Double Trouble	A-Pull the chain in the west half of the Restrooms.
Pebble Diamond	Gargoyle Roof	E-2 Double Trouble	Launch the stars into the constellation's empty slots.
Rhombus Diamond	Ancient Exhibit	E-2 Double Trouble	Water the sprout near the door, then flash the purple flower.
Star Diamond	Aviation Exhibit	E-3 A Train to Catch	A-Pull each of the hot air balloon's sandbags.
Octagon Diamond	Nautical Exhibit	E-3 A Train to Catch	Open the chest at the end of the pirate ship.
Oval Diamond	Dark Age Exhibit	E-3 A Train to Catch	Place the blue book from the Front Entrance into the slot on the bookcase.
Spindle Diamond	Jungle Exhibit	E-3 A Train to Catch	Use the gold bulb to collect the coins that appear, then open the revealed chest.
Coffin Diamond	Ice Age Exhibit	E-3 A Train to Catch	Use the gold bulb to collect the coins that appear, then open the revealed chest.
Mushroom Diamond	Train Exhibit	E-3 A Train to Catch	Reveal the missing piece of the track, then ride the train around the room.

Many Gems can be collected in more than one mission.

Boos

Gloomy Manor

Mission	Location	Notes
A-1 Poltergust 5000	Garage	Reveal the spare tire near the door.
A-2 Gear Up	Mudroom	Reveal the small table near the south wall.
A-3 Quiet Please!	Studio	Reveal the Easel under the tarp.
A-4 Visual Tricks	Dining Room	The Boo is in the room when you arrive.
A-5 Sticky Situation	Library	Reveal the Piano.

Haunted Towers

Mission	Location	Notes
B-1 A Job for a Plumber	Hydro Generator	Reveal the tool chest in the northeast corner.
B-2 The Pinwheel Gate	Sewer	A-Pull the flower in the ceiling.
B-3 Graveyard Shift	Crypt	Reveal the urn near the east wall.
B-4 Pool Party	Family Room	Reveal and the portrait on the north wall.
B-5 Doggone Key	Tool Shed	Reveal all hidden items.

Old Clockworks

Mission	Location	Notes
C-1 A Timely Entrance	Warehouse	Unravel the red spool near the southeast corner.
C-2 Underground Expedition	Quarry	Reveal the bridge at the top of the Quarry
C-3 Roundhouse Brawl	Kiln Room	This Boo appears when you defeat the Greenies.
C-4 Play Catch	Clock Tower Gate	Reveal the lantern east of the clocktace.
C-5 Piece at Last	Crank Room	Reveal the chest in the secret area behind the west wall.

Secret Mine

Mission	Location	Notes
D-1 Cold Case	Terminal	After returning from the Airway, reveal the barrel south of the mirror.
D-2 Hit Rock Bottom	Chalet	Reveal the rocking chair.
D-3 Across the Chasm	Deep Hall	Reveal the teakettle, then slide it over the fire.

Treacherous Mansion

Mission	Location	Notes
E-1 Front-Door Key	Underground Lab	Spin the wheel to zap the armor.
E-2 Double Trouble	Inner Courtyard	Launch a Toad Assistant into each cage.
E-3 A Train to Catch	Dark Age Exhibit	Use the gold flower to collect the coins, then open the chest.
E-4 Ambush Maneuver	Train Exhibit	Defeat the Big Boo.
E-5 Paranormal Chaos	Aviation Exhibit	Reveal the hot air balloon.

If a Boo doesn't appear after you reveal the appropriate object, you must investigate the object to draw out the enemy.